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Attorney Docket No. 47121-5008  
**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re PATENT APPLICATION of:

Hanna MÄKELÄ et al.

Application No.: 10/550,310

Filed: September 22, 2005

FOR: ARRANGEMENT FOR COLLISION  
PREVENTION OF MINE VEHICLE

:  
:  
: Confirmation No.: 1918  
:  
: Group Art Unit: 2857  
:  
: Examiner: Unassigned  
:  
:  
:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Commissioner for Patents  
U.S. Patent and Trademark Office  
**Customer Window Mail Stop: Amendment**  
Alexandria, VA 22314

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. To the undersigned's knowledge, this IDS is being filed before the mailing date of a first Office Action on the merits, before the mailing date of a first Office Action on the merits after filing an RCE under § 1.114, or within three months of the application filing date.

A Finnish Office Action dated January 29, 2004 and an International Search Report dated July 22, 2004 from a counterpart, related, or other application and having documents cited thereon is attached for the Examiner's consideration. Any of these documents not previously cited, and any additional documents are listed on the PTO Form 1449.

Applicant respectfully requests that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form. As for any document listed on the accompanying PTO-1449 that is in a language other than English, relevance can be understood from an enclosed English abstract or at least partial translation or from mention in the specification or in a search report for a corresponding application.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that any of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should any of the documents be applied against the claims of the present application.

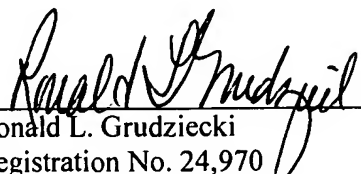
Should any questions arise in connection with this application, or should the Examiner believe a telephone conference would be helpful in resolving any remaining issues pertaining to this application, it is respectfully requested that the undersigned be contacted at the number indicated below.

Except for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this Application, including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required and including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0573. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully Submitted,

Date: September 19, 2006  
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|  |                 |                 |                                      |                                       |                         |                              |    |                               |    |
|--|-----------------|-----------------|--------------------------------------|---------------------------------------|-------------------------|------------------------------|----|-------------------------------|----|
| FORM PTO-1449 (modified)<br>To: U.S. Department of Commerce<br>Patent and Trademark Office   |                 |                 |                                      | Attorney Docket No.<br><br>47121-5008 |                         | Client Ref.                  |    |                               |    |
| <b>INFORMATION DISCLOSURE STATEMENT<br/>BY APPLICANT</b>   |                 |                 |                                      | Applicant: Hanna MÄKELÄ et al.        |                         |                              |    |                               |    |
|  |                 |                 |                                      | Appln. No.: 10/550,310                |                         |                              |    |                               |    |
|  |                 |                 |                                      | Filing Date: September 22, 2005       |                         |                              |    |                               |    |
|  |                 |                 |                                      | Examiner: Unassigned                  |                         | Group Art Unit: 2857         |    |                               |    |
| Date: September 19, 2006   |                 |                 |                                      |                                       |                         |                              |    |                               |    |
| <b>U.S. PATENT DOCUMENTS</b>   |                 |                 |                                      |                                       |                         |                              |    |                               |    |
| Examiner's Initials*   | Document Number | Date MM/YYYY    | Name (Family Name of First Inventor) | Class                                 | Sub Class               | Filing Date (if appropriate) |    |                               |    |
|  | AR              | 5,530,330       | Baiden et al.                        |                                       |                         |                              |    |                               |    |
|  | BR              | 5,572,428       | Ishida et al.                        |                                       |                         |                              |    |                               |    |
|  | CR              | 5,999,865       | Bloomquist et al.                    |                                       |                         |                              |    |                               |    |
|  | DR              | 6,055,042       | Sarangapani                          |                                       |                         |                              |    |                               |    |
|  | ER              | 6,163,745       | Purchase et al.                      |                                       |                         |                              |    |                               |    |
|  | FR              | 6,349,249       | Cunningham                           |                                       |                         |                              |    |                               |    |
|  | GR              | 6,393,362       | Burns                                |                                       |                         |                              |    |                               |    |
|  | HR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | IR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | JR              |                 |                                      |                                       |                         |                              |    |                               |    |
| <b>FOREIGN PATENT DOCUMENTS</b>  |                 |                 |                                      |                                       |                         |                              |    |                               |    |
|  |                 | Document Number | Date MM/YYYY                         | Country                               | Inventor/Applicant Name | English Abstract             |    | Translation Readily Available |    |
|  |                 |                 |                                      |                                       |                         | Enclosed                     | No | Enclosed                      | No |
|  | KR              | 1176393 A2      | 01/2002                              | EP                                    | Hinton et al.           |                              |    |                               |    |
|  | LR              | 02/30792 A2     | 04/2002                              | WO                                    | Sturges et al.          |                              |    |                               |    |
|  | MR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | NR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | OR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | PR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | QR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | RR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | SR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | TR              |                 |                                      |                                       |                         |                              |    |                               |    |
| <b>OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)</b>   |                 |                 |                                      |                                       |                         |                              |    |                               |    |
|  | UR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | VR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | WR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | XR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | YR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | ZR              |                 |                                      |                                       |                         |                              |    |                               |    |
|  | AAR             |                 |                                      |                                       |                         |                              |    |                               |    |
|  | BBR             |                 |                                      |                                       |                         |                              |    |                               |    |
| Examiner   |                 |                 |                                      |                                       | Date Considered:        |                              |    |                               |    |
| *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. |                 |                 |                                      |                                       |                         |                              |    |                               |    |